



PETRONAS

# PRODUCT DATA SHEET

## Ethonas NP-8

Produced using technology licensed by The Dow Chemical Company.

### CHEMICAL DESCRIPTION:

Name : Nonylphenol Ethoxylate  
CAS number : 127087-87-0  
Type : Nonionic surfactant

Ethonas NP-8 are based on branched nonylphenol with 8 moles of ethylene oxide adducts.

### APPLICATIONS:

- Industrial and institutional cleaner
- Emulsifying agent
- Paint & coating
- Textile auxiliaries
- Metal working fluid

### TYPICAL PROPERTIES:

Physical Property*	Units	Typical Value
Physical appearance (25°C)	-	Colourless liquid
Average moles of EO	-	8
Molecular weight	g/mol	572
pH (1% in 10/16 IPA/water)	-	5.0-8.0
Water	wt%, max	0.3
Colour	PtCo, max	50
Cloud point, 1% aq	°C	41-46
Critical Micelle Concentration, 1% aq	ppm	61
HLB (nominal)	-	12.6
Pour point	°C	-6
Surface tension (0.1% @ 25°C)	mN/m	32

\*These properties are typical but do not constitute specifications.

### FOR MORE INFORMATION

Please contact **PETRONAS Chemicals Group Berhad (PCGB)**

Level 33, Tower 1, PETRONAS Twin Towers, Kuala Lumpur City Centre, 50088, KUALA LUMPUR, MALAYSIA.

Tel: +(603) 20515000 or visit our site <https://www.petronas.com/pcg/>

Sales contact person; Tel: +(603) 2392 6698, Email: [hazlina.ralim@petronas.com](mailto:hazlina.ralim@petronas.com)



MS ISO 9001:2000 REG. NO. AR4 088  
(DERIVATIVES PLANT)

MS ISO 14001 CERT. NO. 00081001



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